

## Abstract

A single high-frequency transmitter emits radiation in a vehicle (1) comprising several seats (2), said high-frequency radiation being reflected depending on whether a seat is occupied, transmitted to a receiver and evaluated with regard to the radiation intensity. In addition, the reliability of the identification is increased, even when the occupant is out of position, by the provision of at least one reflector (9) per seat in or on an allocated seat-belt (6).

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